

I CLAIM:

1 1. A method of removing brake and tire residues from a
2 traveled way, comprising the steps of:

3 (a) spraying a rubber solvent onto a strip of the
4 traveled way from a sprayer on an advancing vehicle;

5 (b) rubbing said solvent onto a surface of said strip
6 with rotating brushes located on said advancing vehicle behind
7 said sprayer;

8 (c) thereafter displacing a water sprayer along said
9 strip and spraying water onto the surface treated with said
10 solvent and said brushes to form a mixture of water and solvent-
11 dissolved and rubbed-off rubber; and

12 (d) subsequently evacuating said mixture from said
13 surface.

1 2. The method defined in claim 1 wherein said water
2 sprayer sprays water onto a strip of said surface parallel to the
3 strip being treated with said solvent and rubbed by said brushes
4 and previously treated with said solvent and rubbed by said
5 brushes in a prior pass of said vehicle.

1 3. The method defined in claim 2 wherein said strips
2 are separated by a further strip of said surface treated with
3 said solvent and rubbed by said brushes and along which the
4 solvent has a residence time in contact with said residues
5 enabling solubilization of rubber of said residues in said
6 solvent.

1 4. The method defined in claim 1 wherein said water
2 sprayer and a suction head are carried by another vehicle and are
3 displaced over said strip subsequent to the advance of the first-
4 mentioned vehicle thereover. ?

1 5. The method defined in claim 1 wherein said strip
2 has a width of about 70 cm.

1 6. An apparatus for removing brake and tire residues
2 from a traveled way comprising at least one vehicle capable of
3 advancing along a strip of the traveled way;
4 a solvent sprayer on said vehicle behind said solvent
5 sprayer for spraying a rubber solvent onto said strip of the
6 traveled way;

7 rotating brushes on said vehicle for rubbing said
8 solvent onto a surface of said strip;
9 a water sprayer displaceable along said strip for
10 spraying water onto the surface treated with solvent and said
11 brushes to form a mixture of water and solvent-dissolved and
12 rubbed-off rubber; and
13 a suction head behind said water sprayer for evacuating
14 said mixture from said surface.

7. The apparatus defined in claim 6 wherein said
vehicle is a waste-collection vehicle.

8. The apparatus defined in claim 6 wherein said water
sprayer is displaced with a lateral offset from said solvent
sprayer and said brushes along said surface.

9. The apparatus defined in claim 6 wherein said
suction head and said water sprayer are mounted on a vehicle,
said suction head being located between said front and rear axles
of a vehicle on which said water sprayer and spray head are
mounted.

1 10. The apparatus defined in claim 6 wherein said
2 vehicle on which said water sprayer and suction head are mounted
3 is a waste-collection vehicle having a receptacle receiving said
4 mixture.

1 11. The apparatus defined in claim 6 wherein said
2 water sprayer and said solvent sprayer and said brushes are
3 mounted at the front of a single vehicle and said water sprayer
4 is offset by at least a width of said strip from said solvent
5 sprayer and said brushes.

1 12. The apparatus defined in claim 11 wherein said
2 width is substantially 70 cm.

1 13. The apparatus defined in claim 11 wherein said
2 water sprayer is spaced from said solvent sprayer and said
3 brushes by a gap of a width at least equal to the width of said
4 strip.

1 14. The apparatus defined in claim 11 wherein said
2 brushes are counter-rotating brushes.

1 15. The apparatus defined in claim 11 wherein said
2 brushes and said solvent sprayer are provided on at least one
3 support capable of vertical displacement relative to said
4 vehicle.

1 16. The apparatus defined in claim 15, further
2 comprising means for displacing said brushes toward said surface
3 upon wear of said brushes.

1 17. The apparatus defined in claim 11, further
2 comprising a heating device connected with at least one of said
3 spreaders for heating a liquid dispensed thereby.

1 18. The apparatus defined in claim 11 wherein said
2 brushes and said solvent sprayer are provided on an attachment
3 mounted at a front of said vehicle, said vehicle having an
4 operator cabin and behind said cabin a diesel engine for driving
5 at least a suction pump connected to said suction head.

1 19. The apparatus defined in claim 11, further
2 comprising a blowing head behind said suction head for blowing
3 against said surface.

1 20. The apparatus defined in claim 11 wherein said
2 water sprayer extends substantially a full width of said vehicle
3 on which said water sprayer is mounted.